

ASTD/TDI Project Static Report

Deployment of a Mobile Tank Retrieval System for Emptying Small Waste Tanks

Focus Area: Tanks Focus Area

TTP No.: OR09WT41

Lead Site: Oak Ridge

Project No.: 99-ASTD-05

Tech ID/TMS No.: NONE

Related Publication(s): None

Web Page(s):

Description: The mobile small tank retrieval system is an adaptation of proven stationary power fluidic technology that has been successfully deployed for retrieval of contents in larger tanks at Oak Ridge. The mixing/pumping system has no moving parts in contact with the radioactive tank contents being pumped. It has been scaled for use in the 20 smaller Federal Facility Agreement tanks at ORNL which contain sludge waste.

Application: Sites with multiple, small waste tanks requiring removal of tank contents.

Location(s): Several tank sites at ORNL

Technology(ies):

Power Fluidics Mixing/Pumping System - AEA Technologies

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	OR09WT41	\$0	\$372	\$101	\$0	\$473
Leverage Source:	EM-40					\$473
Funding Total (\$K):						\$946

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	Pending	Pending	\$900